

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062023\
 Data File : VN078310.D
 Acq On : 20 Jun 2023 15:24
 Operator : JC\MD
 Sample : 03321-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-23

Quant Time: Jun 21 05:47:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

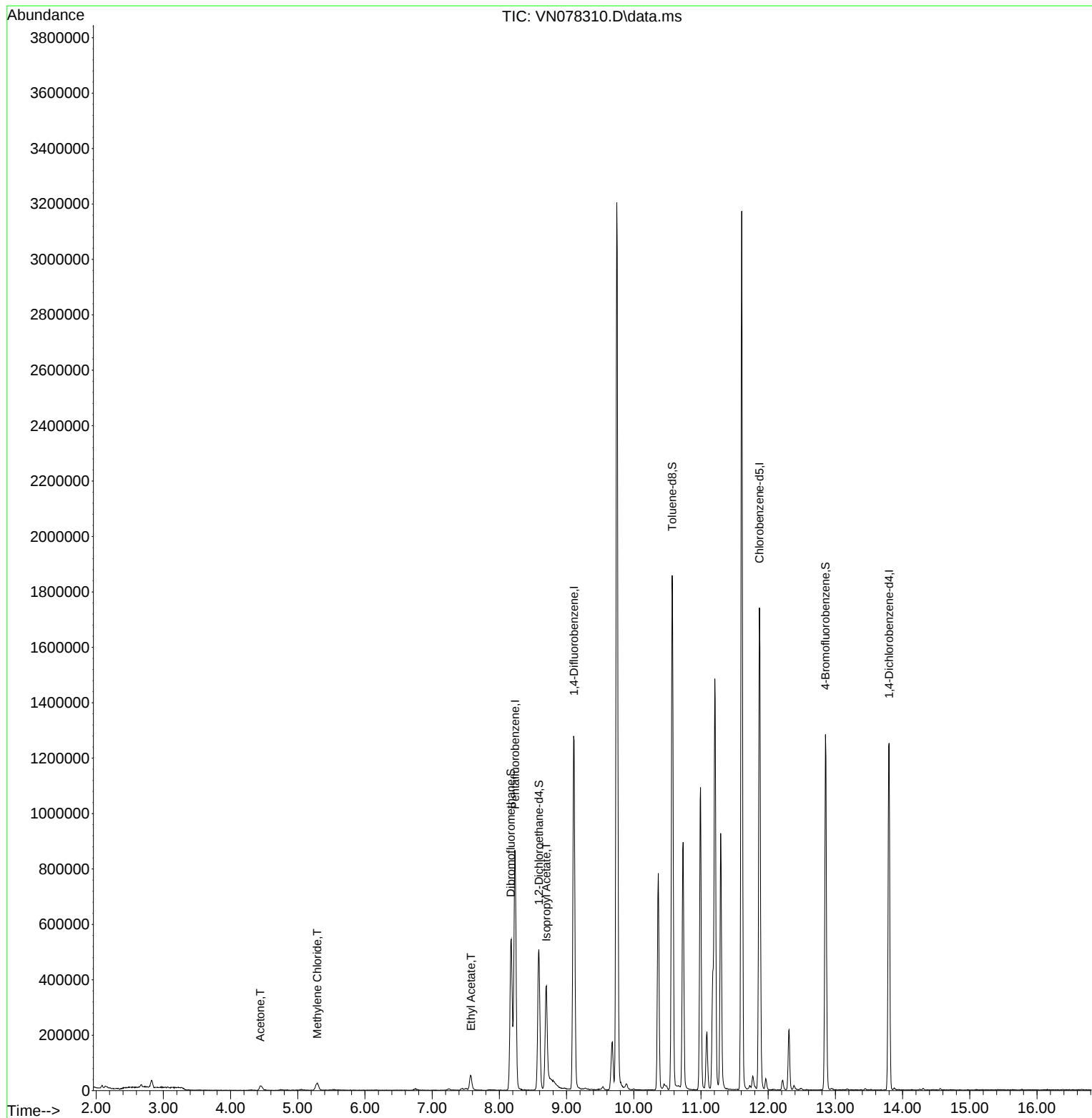
Internal Standards						
1) Pentafluorobenzene	8.235	168	653939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1147803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1070432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	365131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	419687	48.135	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.260%
35) Dibromofluoromethane	8.171	113	397609	54.787	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.580%
50) Toluene-d8	10.571	98	1338370	47.836	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.680%
62) 4-Bromofluorobenzene	12.853	95	447364	51.435	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.860%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	33355	13.291	ug/l #	87
20) Methylene Chloride	5.289	84	21281	2.566	ug/l	91
37) Ethyl Acetate	7.577	43	82411	10.134	ug/l	95
43) Isopropyl Acetate	8.700	43	434075	27.910	ug/l #	81

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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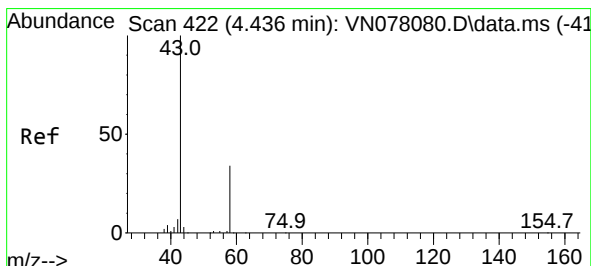
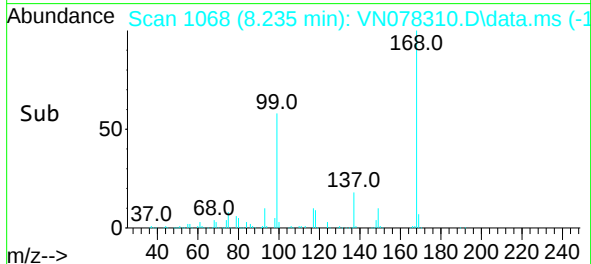
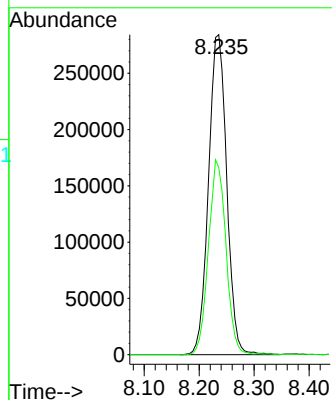
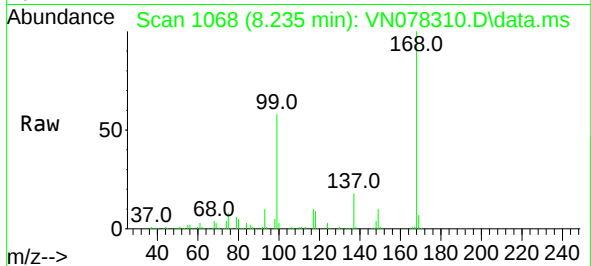




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078310.D
Acq: 20 Jun 2023 15:24

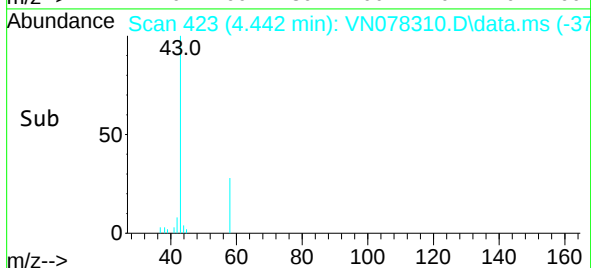
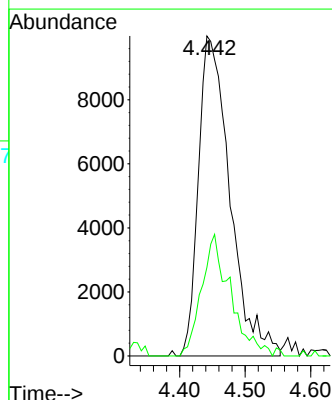
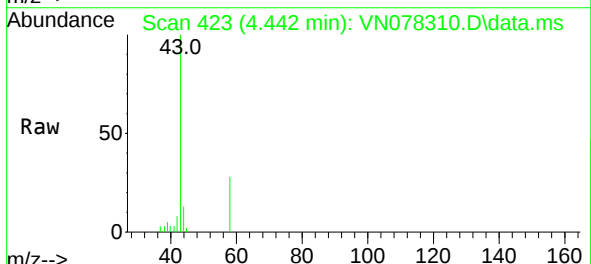
Instrument :
MSVOA_N
ClientSampleId :
WC-23

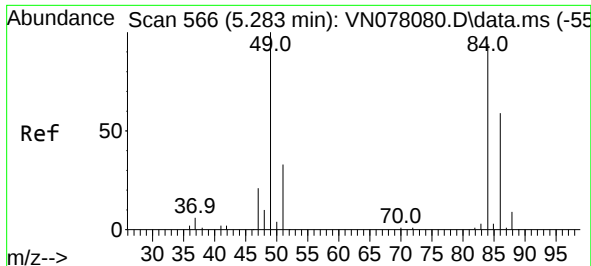
Tgt Ion:168 Resp: 653939
Ion Ratio Lower Upper
168 100
99 58.4 53.0 79.6



#16
Acetone
Concen: 13.291 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078310.D
Acq: 20 Jun 2023 15:24

Tgt Ion: 43 Resp: 33355
Ion Ratio Lower Upper
43 100
58 27.7 28.0 42.0#

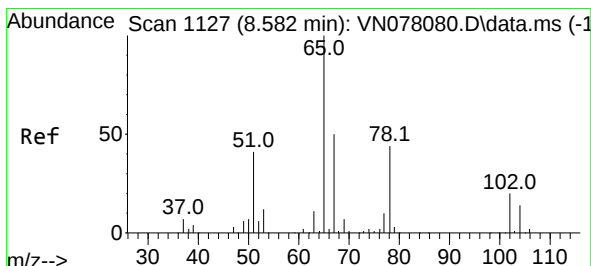
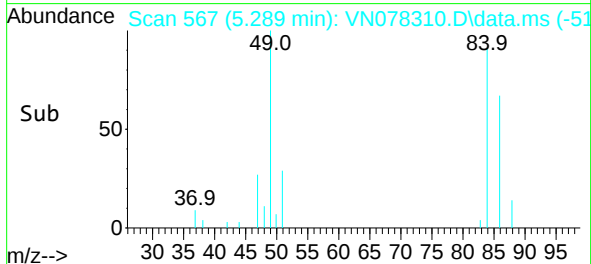
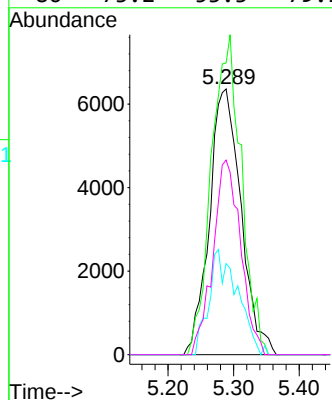
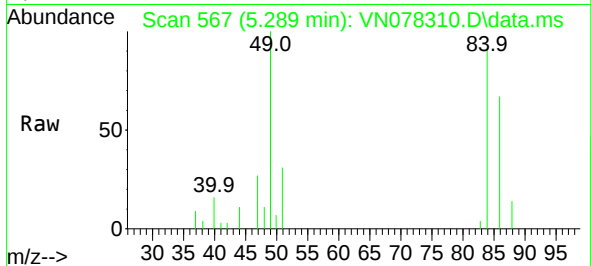




#20
Methylene Chloride
Concen: 2.566 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078310.D
Acq: 20 Jun 2023 15:24

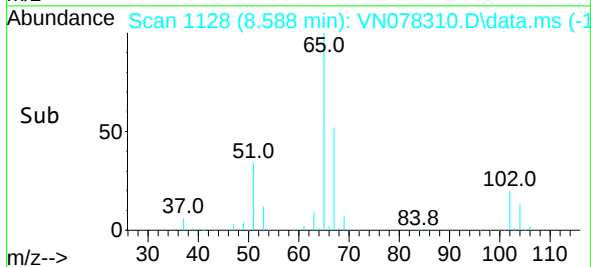
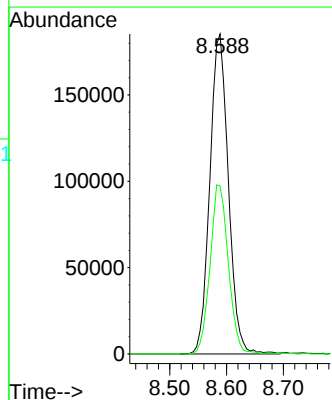
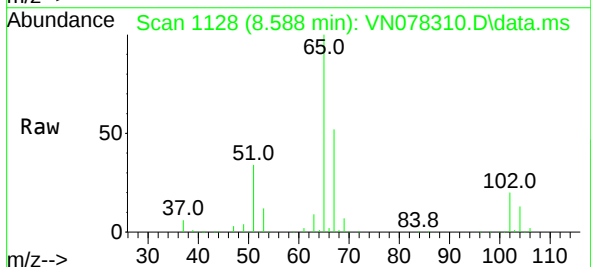
Instrument :
MSVOA_N
ClientSampleId :
WC-23

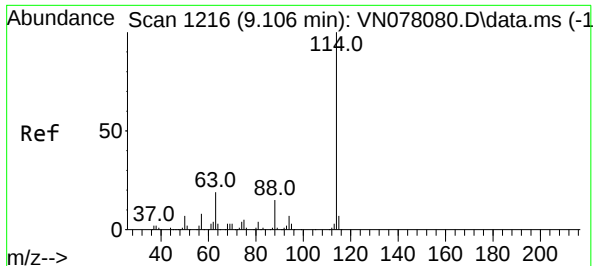
Tgt Ion:	84	Resp:	21281
Ion	Ratio	Lower	Upper
84	100		
49	109.8	79.7	119.5
51	34.3	25.2	37.8
86	73.2	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 48.135 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078310.D
Acq: 20 Jun 2023 15:24

Tgt Ion:	65	Resp:	419687
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN078310.D

Acq: 20 Jun 2023 15:24

Instrument :

MSVOA_N

ClientSampleId :

WC-23

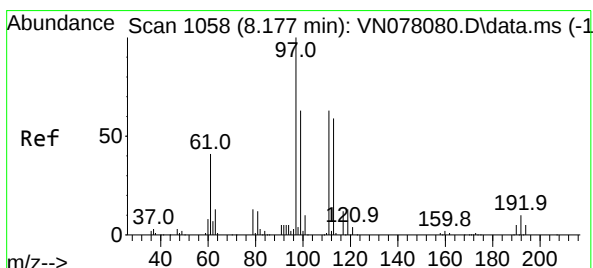
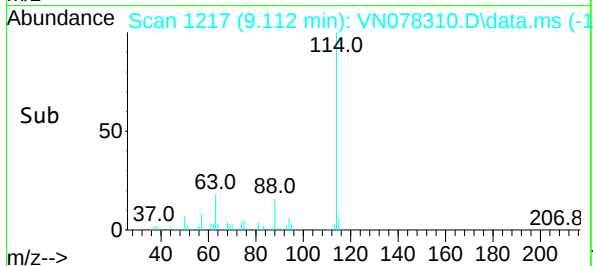
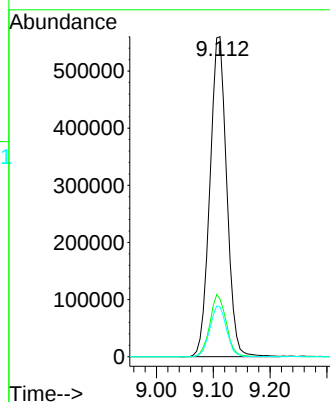
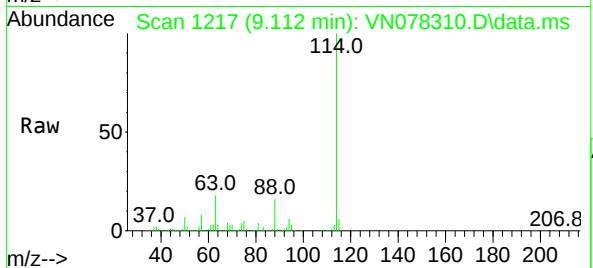
Tgt Ion:114 Resp: 1147803

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.787 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078310.D

Acq: 20 Jun 2023 15:24

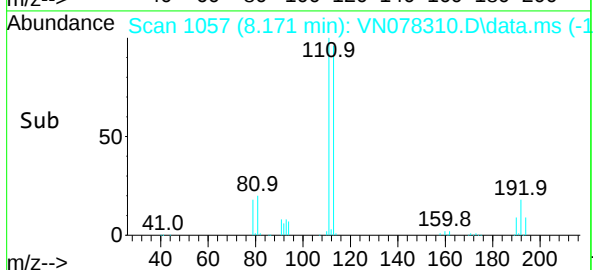
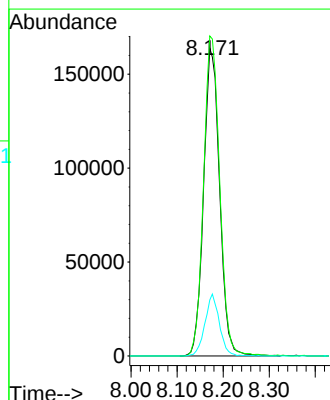
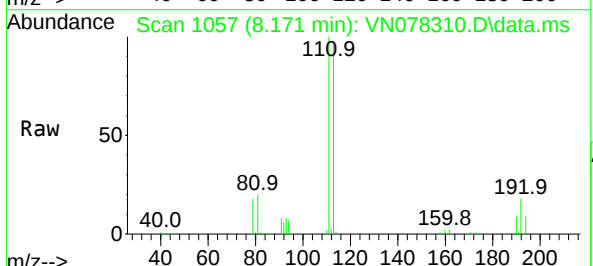
Tgt Ion:113 Resp: 397609

Ion Ratio Lower Upper

113 100

111 104.8 82.6 123.8

192 18.2 12.7 19.1

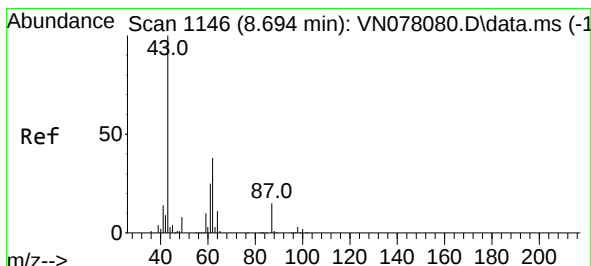
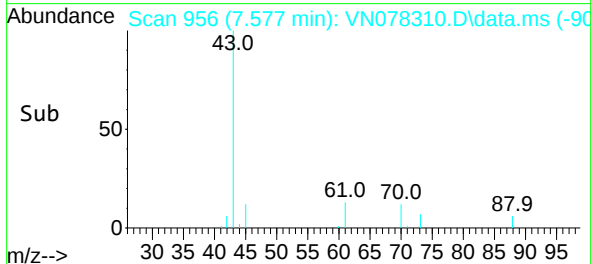
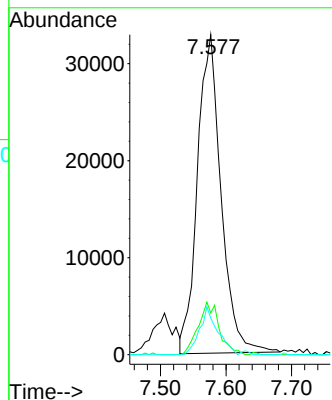
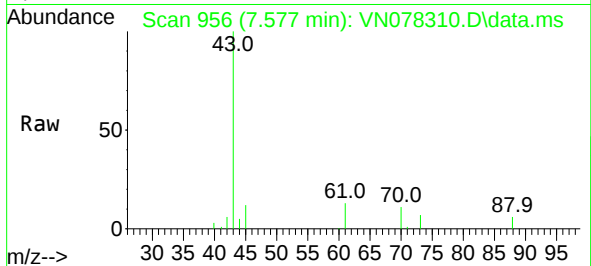




#37
Ethyl Acetate
Concen: 10.134 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078310.D
Acq: 20 Jun 2023 15:24

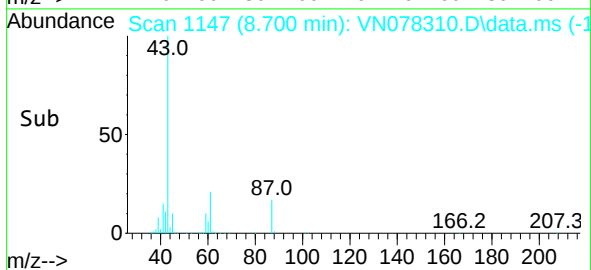
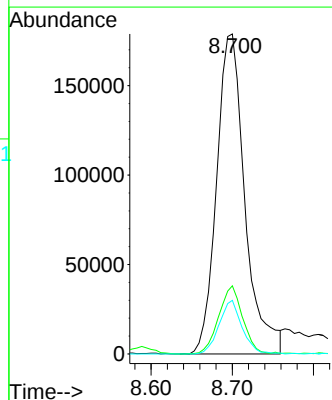
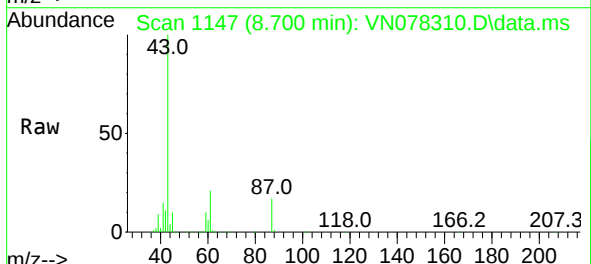
Instrument :
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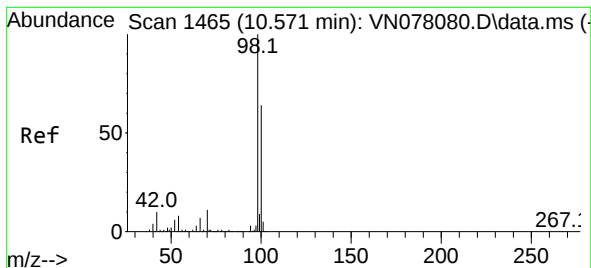
Tgt Ion: 43 Resp: 82411
Ion Ratio Lower Upper
43 100
61 14.7 13.2 19.8
70 11.4 11.3 16.9



#43
Isopropyl Acetate
Concen: 27.910 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078310.D
Acq: 20 Jun 2023 15:24

Tgt Ion: 43 Resp: 434075
Ion Ratio Lower Upper
43 100
61 18.0 24.7 37.1#
87 13.6 14.6 21.8#

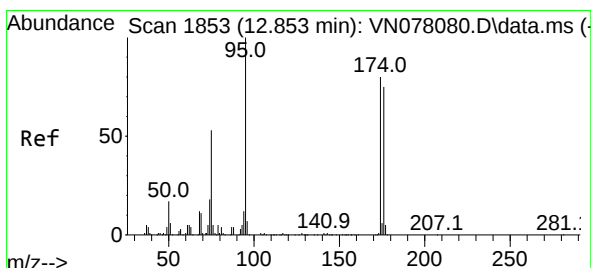
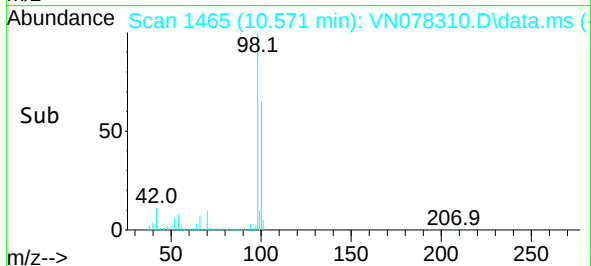
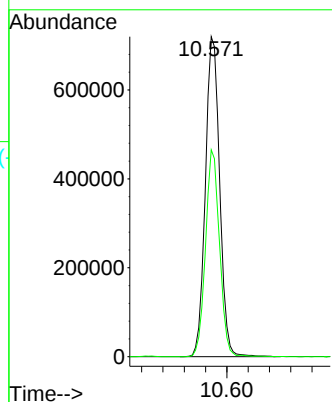
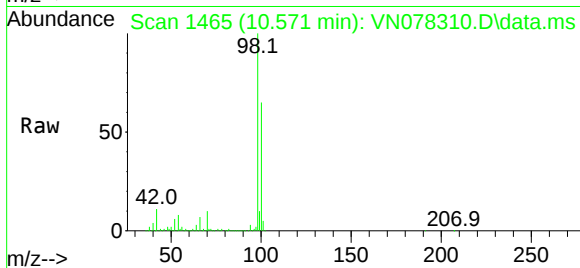




#50
Toluene-d8
Concen: 47.836 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078310.D
Acq: 20 Jun 2023 15:24

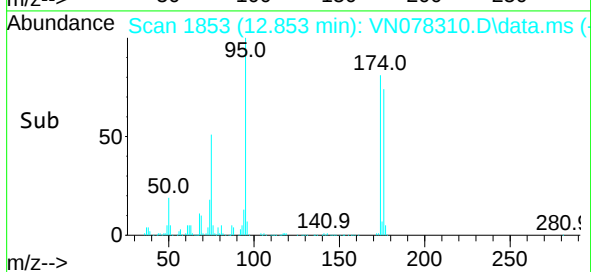
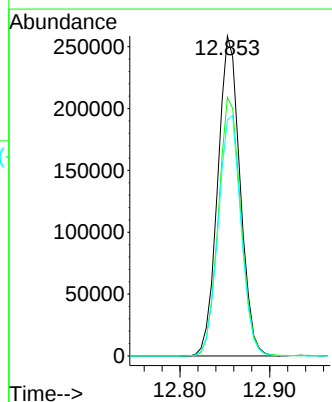
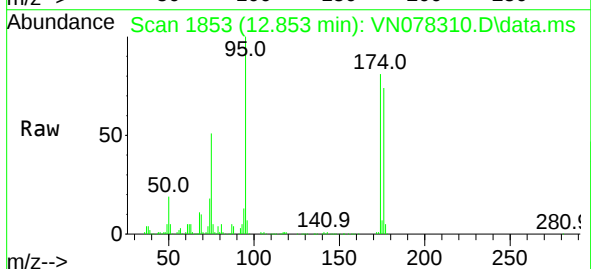
Instrument :
MSVOA_N
ClientSampleId :
WC-23

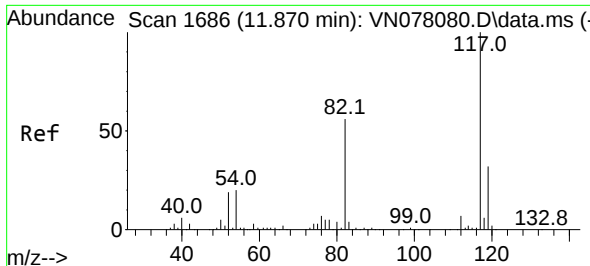
Tgt Ion: 98 Resp: 1338370
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.435 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078310.D
Acq: 20 Jun 2023 15:24

Tgt Ion: 95 Resp: 447364
Ion Ratio Lower Upper
95 100
174 81.4 0.0 143.8
176 76.8 0.0 135.8

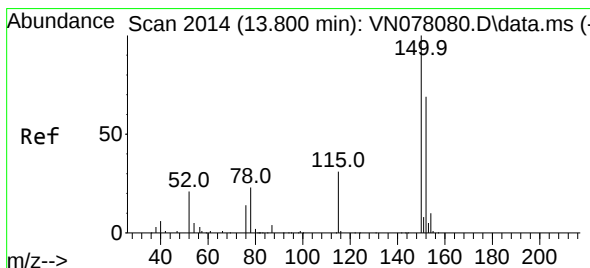
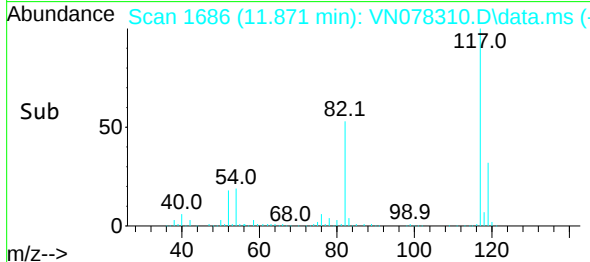
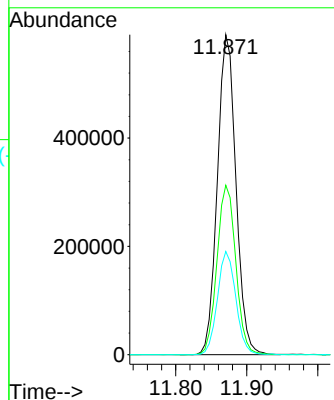
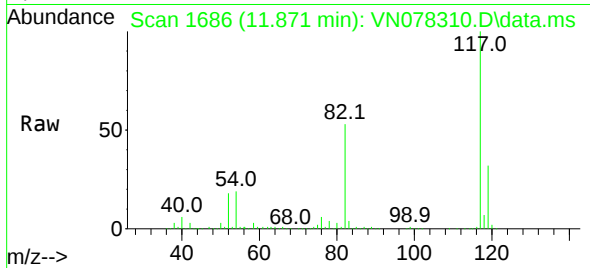




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN078310.D
Acq: 20 Jun 2023 15:24

Instrument :
MSVOA_N
ClientSampleId :
WC-23

Tgt Ion:117 Resp: 1070432
Ion Ratio Lower Upper
117 100
82 53.0 44.0 66.0
119 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078310.D
Acq: 20 Jun 2023 15:24

Tgt Ion:152 Resp: 365131
Ion Ratio Lower Upper
152 100
115 59.1 32.3 96.8
150 156.9 0.0 355.8

